Author Index of Volume 458

Aizpurua, J.-M., C1
Akabori, S., 199
Anselme, G., 49
Aroney, M.J., 141

Bader, A., 229
Basato, M., 173
Berlekamp, M., 97
Birk, U., 181
Blaschette, A., 57
Bläser, D., 125
Bocelli, G., C12
Boese, R., 125
Bovio, B., 39
Brakmann, S., 13
Brendel, H.-D., 205

Capperucci, A., C1
Caro, B., 105
Catellani, M., C12
Cheng, C.H., 147
Cheng, C.Y., 147
Chiang, H.-J., 167
Cifuentes, M.P., 211
Cingolani, A., 39
Cordier, C., 105
Couret, C., 49

Dakternieks, D., 29
Dartiguenave, M., 225
Dartiguenave, Y., 225
Davies, M.S., 141
Declercq, J.-P., 49
Deng, D., 83
Deydier, E., 225
Dubourg, A., 49
Duguet, E., 9
Dunogues, J., C1
Dürr, S., 89
Dyson, G., 29

Eilert, U., 13
Erker, G., 97
Escudié, J., 49
Ettel, F., 159

Fanwick, P.E., C10
Fischer, L., 13

Gentric, D., 105
Ghelli, S., C12
Gong, J.K., C10
Grelier, S., C1
Gruselle, M., 105

Herberhold, M., 19, 205
Hinze, S., C10
Hogarth, G., C8
Höhlein, U., 89
Humphrey, M.G., 211
Huttner, G., 63, 159

Jackson, R.D., C3
James, S., C3
Jaouen, G., 105
Jin, S., 83
Jones, P.G., 57
Jun, C.-H., 193
Jurkschat, K., 29

Kang, J.-B., 193
Kim, J.-Y., 193
Kinoshita, T., 187
Klein, T., 63
Kreutzberg, J., 125
Kubiak, C.P., C10
Kuhn, N., 125

Lai, C.H., 147
Lampe, E.-M., 125
Lange, I., 57
Le Bihan, J.Y., 105
Lin, Y., 83
Lindner, E., 229
Liu, C.-S., 167

Marchetti, F., 39
Mayer, H.A., 229
Menu, M.-J., 225
Müller, J., 219

Orpen, A.G., C3
Otake, T., 187

Palomo, C., C1
Petersen, J.L., 97
Pettinari, C., 39
Picard, J.-P., C1
Pierens, R.K., 141
Pringle, P.G., C3

Qian, C., 83
Qiao, K., 219

Ranaivonjatovo, H., 49
Ren, X., C5
Rest, A.J., C5
Ricci, A., C1
Roberts, A., 131

Sato, M., 199
Schappacher, M., 9
Schiemenz, B., 159
Schobert, R., 89
Schrepfermann, M., 19
Seconi, G., C1
Sekino, M., 199
Senechal, D., 105
Sénéchal-Tocquer, M.C., 105
Shazar, A., 233
Shigeta, H., 199
Siewing, M., 219
Skelton, B.W., 211
Skordalakis, E., C8
Song, F., 83
Soum, A., 9
Stanger, A., 233
Stüger, H., 1
Sünkel, K., 181
Syldatk, C., 13
Szczeciński, P., 119

Tacke, R., 13
Takeuchi, K., 187
Tiekink, E.R.T., 29
Tozer, R., 29
Tsuji, S., 187

Wagner, S.A., 13
Walter, O., 63
Wang, Q., 229
Wang, S.L., 147
Wang, Z., 83
Westphal, B., 219
White, A.H., 211
Whiteley, M.W., 131
Wieland, E., 57
Wu, G., 83
Wuttke, F., 13

Zheng, P., 83
Zsolnai, L., 63, 159

Subject Index of Volume 458

Antimony

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Arsenic

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Boron

Neue Synthesen und Reaktionen ungesättigter Heterotitanacyclen (S. Dürr, U. Höhlein und R. Schobert), 89

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Chromium

Déprotonation des allylbenzènes chrometricarbonyle en milieu basique. Etude RMN ^{1}H et ^{13}C et réactivité des anions allyliques: influence électronique et stérique du groupement chrometricarbonyle (M.C. Sénéchal-Tocquer, D. Senechal, J.Y. Le Bihan, D. Gentric, B. Caro, M. Gruselle, C. Cordier et G. Jaouen), 105

Application of scalar ^{13}C, ^{19}F couplings between carbonyl carbons and aromatic fluorine to investigation of conformation of chelate phosphitodicarbonylchromium and dicarbonyl(phosphine)chromium complexes of fluorobenzenes (P. Szczeciński), 119

Heterozyklen als Liganden. XVIII . Synthese und Struktur von Tricarbonyl(1,2,3,4,5-pentamethylpyrrol)chrom(0)–der Einfluß der Methylsubstituenten auf die Koordinationseigenschaften des Pyrrol-Liganden (N. Kuhn, J. Kreutzberg, E.-M. Lampe, D. Bläser und R. Boese), 125

The synthesis of ring-substituted cycloheptatrienyl complexes $[M(CO)_3(\eta^7\text{-}C_7H_6R)]^+$ (M = Cr, Mo or W; R = Me, ^{t}Bu, C_6H_4–F-*p* or C≡CPh) (A. Roberts and M.W. Whiteley), 131

Metal–ligand bonding in $LM(CO)_5$ complexes (L = NMe_3, PMe_3, PCl_3, PBr_3 or $AsMe_3$; M = Cr, Mo or W) from dielectric, electro-optic and spectroscopic evidence (M.S. Davies, R.K. Pierens and M.J. Aroney), 141

Iron

Poly-linked cyclopentadienide ions. II. Synthesis and properties of the tetracyclopentadienylmethane tetraanion (T. Kinoshita, S. Tsuji, T. Otake and K. Takeuchi), 187

New synthesis of acylferrocene by hydroiminoacylation of the terminal olefin with ferrocenecarboxaldimine and application to polymer-supported acylferrocene (C.-H. Jun, J.-B. Kang and J.-Y. Kim), 193

Synthesis, some reactions, and molecular structure of the $Pd(BF_4)_2$ complex of 1,1′-bis(diphenylphosphino)ferrocene (M. Sato, H. Shigeta, M. Sekino and S. Akabori), 199

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Lithium

Poly-linked cyclopentadienide ions. II. Synthesis and properties of the tetracyclopentadienylmethane tetraanion (T. Kinoshita, S. Tsuji, T. Otake and K. Takeuchi), 187

Manganese

Metallorganische Schutzgruppen für den Aufbau ungewöhnlicher Zinn–Chalkogen-Käfigverbindungen: Thiostannat(II) $Sn_3S_4^{2-}$ und "Zinnoxidhydrat" $Sn_6(\mu_3\text{-}OH)_4(\mu_3\text{-}O)_4$ als Liganden in $^{R}Cp(CO)_2Mn$-Komplexen (B. Schiemenz, F. Ettel, G. Huttner und L. Zsolnai), 159

Activation of the carbon–carbon bond in the Mn-mediated cycloaddition reaction between disilacyclobutene and cyclic conjugated dienes (H.-J. Chiang and C.-S. Liu), 167

Kinetics and mechanism of the reaction of bis-μ-diethylphosphido-bis(tetracarbonylmanganese) with tri-*n*-butylphosphine (M. Basato), 173

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. XIII. Darstellung, Reaktionen und Strukturen von $[C_5Cl_4M]Mn(CO)_3$ (M = $Mn(CO)_5$, $Au(PPh_3)$) (K. Sünkel and U. Birk), 181

Photochemistry of methanesulphinatopentacarbonylmanganese, $Mn(CO)_5(SO_2CH_3)$, in frozen gas matrices at *ca.* 12 K (X. Ren and A.J. Rest), C5

Metallocenes

Synthesis, some reactions, and molecular structure of the $Pd(BF_4)_2$ complex of 1,1′-bis(diphenylphosphino)ferrocene (M. Sato, H. Shigeta, M. Sekino and S. Akabori), 199

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Molybdenum

Chirale Tripodliganden: Die Eintopfreaktion $MeC(CH_2PPh_2)_3 \rightarrow MeC(CH_2P(Ph)(R))_3$; Zwischenstufen, diastereoselektive Kontrolle und Komplexchemie (O. Walter, T. Klein, G. Huttner und L. Zsolnai), 63

The synthesis of ring-substituted cycloheptatrienyl complexes $[M(CO)_3(\eta^7\text{-}C_7H_6R)]^+$ (M = Cr, Mo or W; R = Me, ^{t}Bu, C_6H_4–F-*p* or C≡CPh) (A. Roberts and M.W. Whiteley), 131

Metal–ligand bonding in $LM(CO)_5$ complexes (L = NMe_3, PMe_3, PCl_3, PBr_3 or $AsMe_3$; M = Cr, Mo or W) from dielectric, electro-optic and spectroscopic evidence (M.S. Davies, R.K. Pierens and M.J. Aroney), 141

Synthesis, structure, and properties of molybdenum octahedral d^6 bis(alkyne) complexes (C.H. Lai, C.H. Cheng, C.Y. Cheng and S.L. Wang), 147

Nickel

A one-pot method for the preparation of $(R_3P)_2Ni^0L$ complexes (A. Stanger and A. Shazar), 233

Synthesis and structure of the nickel A-frame complex $Ni_2(\mu\text{-}CNC_6H_5)(dppm)_2Cl_2$ (S. Hinze, J.K. Gong, P.E. Fanwick and C.P. Kubiak), C10

Palladium

Synthesis, some reactions, and molecular structure of the $Pd(BF_4)_2$ complex of 1,1′-bis(diphenylphosphino)ferrocene (M. Sato, H. Shigeta, M. Sekino and S. Akabori), 199

1,8-Bis(diphenylphosphino)naphthalene: a rigid chelating, diphosphine analogue of proton sponge (R.D. Jackson, S. James, A.G. Orpen and P.G. Pringle), C3

Regioselective ring opening of a palladium(IV) alkylaromatic metallacycle by benzyl group migration from palladium to the aromatic carbon and X-ray structure of the resulting palladium(II) complex (G. Bocelli, M. Catellani and S. Ghelli), C12

Phosphorus

η^7-Cycloheptatrienyl-carbonylvanadium-Komplexe mit mono- und bifunktionellen Phosphan-Liganden. Eine ^{51}V-NMR-spektroskopische Untersuchung (M. Herberhold und M. Schrepfermann), 19

Chirale Tripodliganden: Die Eintopfreaktion $MeC(CH_2PPh_2)_3 \rightarrow MeC(CH_2P(Ph)(R))_3$; Zwischenstufen, diastereoselektive Kontrolle und Komplexchemie (O. Walter, T. Klein, G. Huttner und L. Zsolnai), 63

Kinetics and mechanism of the reaction of bis-μ-diethylphosphido-bis(tetracarbonylmanganese) with tri-*n*-butylphosphine (M. Basato), 173

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. XIII. Darstellung, Reaktionen und Strukturen von $[C_5Cl_4M]Mn(CO)_3$ (M = $Mn(CO)_5$, $Au(PPh_3)$) (K. Sünkel and U. Birk), 181

1,3-Dioxa-[3]ferrocenophane (M. Herberhold und H.-D. Brendel), 205

Ligandeneffekte bei der Synthese der Komplexe $ClRh(\widehat{P\ O})(P \sim O)$, $[Rh(\widehat{P\ O})_2][BPh_4]$ und $[Rh(COD)(\widehat{P\ O})][BPh_4]$ (E. Lindner, Q. Wang, H.A. Mayer and A. Bader), 229

1,8-Bis(diphenylphosphino)naphthalene: a rigid chelating, diphosphine analogue of proton sponge (R.D. Jackson, S. James, A.G. Orpen and P.G. Pringle), C3

Platinum

1,8-Bis(diphenylphosphino)naphthalene: a rigid chelating, diphosphine analogue of proton sponge (R.D. Jackson, S. James, A.G. Orpen and P.G. Pringle), C3

Rhodium

New synthesis of acylferrocene by hydroiminoacylation of the terminal olefin with ferrocenecarboxaldimine and application to polymer-supported acylferrocene (C.-H. Jun, J.-B. Kang and J.-Y. Kim), 193

Wolff rearrangement in a transition-metal diazoalkane complex. Synthesis of the first η^1-ketenyl rhodium complex $[Rh\{C(CO)SiMe_3\}(CO)(PEt_3)_2]$ (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 225

Ligandeneffekte bei der Synthese der Komplexe $ClRh(\widehat{P\ O})(P \sim O)$, $[Rh(\widehat{P\ O})_2][BPh_4]$ und $[Rh(COD)(\widehat{P\ O})][BPh_4]$ (E. Lindner, Q. Wang, H.A. Mayer and A. Bader), 229

Ruthenium

Ruthenium carbonyl cluster complexes with nitrogen ligands. II. Syntheses, X-ray structures and interconversion of $Ru_3(\mu\text{-}H)(\mu\text{-}\eta^2\text{-}NC_5H_8)(CO)_{10}$ and $Ru_3(\mu\text{-}H)(\mu_3\text{-}\eta^2\text{-}NC_5H_8)(CO)_9$ (M.P. Cifuentes, M.G. Humphrey, B.W. Skelton and A.H. White), 211

(η^6-Aren)(η^4-buta-1,3-dien)ruthenium(0)-Komplexe: Synthese und Eigenschaften sowie Kristallstruktur von (Benzol)(butadien)ruthenium (J. Müller, K. Qiao, M. Siewing und B. Westphal), 219

Insertion of diphenylacetylene into the carbon–sulfur bond of phenylisothiocyanate at a diruthenium centre: synthesis and X-ray structure of $[Cp_2Ru_2(CO)(\mu\text{-}CO)\{\mu\text{-}SC(Ph)=C(Ph)C(=NPh)\}]$ (G. Hogarth and E. Skordalakis), C8

Samarium

Studies on organolanthanoid complexes. LI. Syntheses of bis- and tris(2-methoxyethylcyclopentadienyl) lanthanoid complexes and crystal structures of bis(2-methoxyethylcyclopentadienyl)ytterbium iodide and tris(2-methoxyethylcyclopentadienyl)samarium (D. Deng, C. Qian, F. Song, Z. Wang, G. Wu, P. Zheng, S. Jin and Y. Lin), 83

Silicon

Lineare Tetrasilane mit mittelständigen Substituenten—Oligosilane mit optischer Aktivität (H. Stüger), 1

New cyclodisilazane monomers (E. Duguet, M. Schappacher and A. Soum), 9

Synthesis of acetyldimethyl(phenyl)silane and its enantioselective conversion into (*R*)-(1-hydroxyethyl)dimethyl(phenyl)silane by plant cell suspension cultures of *Symphytum officinale* L. and *Ruta graveolens* L. (R. Tacke, S.A. Wagner, S. Brakmann, F. Wuttke, U. Eilert, L. Fischer and C. Syldatk), 13

η^7-Cycloheptatrienyl-carbonylvanadium-Komplexe mit mono- und bifunktionellen Phosphan-Liganden. Eine ^{51}V-NMR-spektroskopische Untersuchung (M. Herberhold und M. Schrepfermann), 19

Activation of the carbon–carbon bond in the Mn-mediated cycloaddition reaction between disilacyclobutene and cyclic conjugated dienes (H.-J. Chiang and C.-S. Liu), 167

N-alkylydene[bis(trimethylsilyl)methyl]amines: a new series of stable imines (A. Capperucci, A. Ricci, G. Seconi, J. Dunogues, S. Grelier, J.-P. Picard, C. Palomo and J.-M. Aizpurua), C1

Tin

Utilization of hypervalently activated organotin compounds in synthesis. Preparation and reactions of $Me_2N(CH_2)_3SnPh_3$ (D. Dakternieks, G. Dyson, K. Jurkschat, R. Tozer and E.R.T. Tiekink), 29

Tin(IV) and organotin(IV) complexes containing the anion of some substituted-3-methyl-4-acyl-5-pyrazolones. Crystal structure of dimethylbis(1-phenyl-3-methyl-4-benzoyl pyrazolon-5-ato)tin(IV) (B. Bovio, A. Cingolani, F. Marchetti and C. Pettinari), 39

A compound with a tin-carbon double bond, bis(2,4,6-triisopropylphenyl)(fluorenylidene)stannane: aspects of its reactivity and X-ray structure of its dimer (G. Anselme, J.-P. Declercq, A. Dubourg, H. Ranaivonjatovo, J. Escudié and C. Couret), 49

Polysulfonylamine. XLVII. Darstellung und Kristallstrukturanalyse der ionischen Verbindung *catena*-Poly[(μ-4,4′-bipyridin)trimethylzinn]-dimesylamid-Acetonitril (1/1) (I. Lange, E. Wieland, P.G. Jones und A. Blaschette), 57

Titanium

Neue Synthesen und Reaktionen ungesättigter Heterotitanacyclen (S. Dürr, U. Höhlein und R. Schobert), 89

Tungsten

The synthesis of ring-substituted cycloheptatrienyl complexes $[M(CO)_3(\eta^7\text{-}C_7H_6R)]^+$ (M = Cr, Mo or W; R = Me, ^{t}Bu, C_6H_4–F-*p* or C≡CPh) (A. Roberts and M.W. Whiteley), 131

Metal–ligand bonding in $LM(CO)_5$ complexes ($L = NMe_3$, PMe_3, PCl_3, PBr_3 or $AsMe_3$; M = Cr, Mo or W) from dielectric, electro-optic and spectroscopic evidence (M.S. Davies, R.K. Pierens and M.J. Aroney), 141

Vanadium

η^7-Cycloheptatrienyl-carbonylvanadium-Komplexe mit mono- und bifunktionellen Phosphan-Liganden. Eine ^{51}V-NMR-spektroskopische Untersuchung (M. Herberhold und M. Schrepfermann), 19

Structure of a metallacyclic metaloxycarbene vanadium complex prepared from $CpV(CO)_4$ (M. Berlekamp, G. Erker and J.L. Petersen), 97

Ytterbium

Studies on organolanthanoid complexes. LI. Syntheses of bis- and tris(2-methoxyethylcyclopentadienyl) lanthanoid complexes and crystal structures of bis(2-methoxyethylcyclopentadienyl)ytterbium iodide and tris(2-methoxyethylcyclopentadienyl)samarium (D. Deng, C. Qian, F. Song, Z. Wang, G. Wu, P. Zheng, S. Jin and Y. Lin), 83